

ABSTRACT OF THE DISCLOSURE

A fluctuation detecting apparatus includes a light receiving portion for detecting an image signal for an object in each of a plurality of areas, a judging circuit for judging from the image signal obtained in each of the areas whether an object located at a long distance is mixed with an object located at a short distance, and a fluctuation amount calculating circuit for independently finding fluctuation data by the use of the image signal of the area in which the object located at a short distance exists and the image signal of the area in which the object located at a long distance exists when the judging circuit judges that the object located at a long distance is mixed with the object located at a short distance, and calculating a rotational fluctuation amount and a shift fluctuation amount on the basis of the fluctuation data.

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